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1	130	708/552,498.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:19
2	2252	(overflow or over-flow or (over adj flow)) and 708/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:19
3	659	((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).clm. or (overflow or over-flow or (over adj flow)).ab.) and 708/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:20
4	695	708/552,498.ccls. or (((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).clm. or (overflow or over-flow or (over adj flow)).ab.) and 708/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:20
5	94	708/552,498.ccls. and (((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).clm. or (overflow or over-flow or (over adj flow)).ab.) and 708/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:22
6	55	(integer\$1 or fixed-point\$1 or (fixed adj point\$1)) and (708/552,498.ccls. and (((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).clm. or (overflow or over-flow or (over adj flow)).ab.) and 708/\$.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:38
7	370	(integer\$1 or fixed-point\$1 or (fixed adj point\$1)) and (708/552,498.ccls. or (((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).clm. or (overflow or over-flow or (over adj flow)).ab.) and 708/\$.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:38
8	75	(integer\$1 or fixed-point\$1 or (fixed adj point\$1)) and 708/552,498.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:38
9	20	((integer\$1 or fixed-point\$1 or (fixed adj point\$1)) and 708/552,498.ccls.) not ((integer\$1 or fixed-point\$1 or (fixed adj point\$1)) and (708/552,498.ccls. and (((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).clm. or (overflow or over-flow or (over adj flow)).ab.) and 708/\$.ccls.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:38
-	119096	overflow or over-flow or underflow or under-flow	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:19
-	376974	multiplication or arithmetic or multiplying or multiply or multiplier\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:07
-	21774	708/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:07

-	34048	fixed-point\$1 or (fix\$3 adj point\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:07
-	1107	(overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and (fixed-point\$1 or (fix\$3 adj point\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:07
-	286	((overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and (fixed-point\$1 or (fix\$3 adj point\$1))) and 708/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:08
-	84	(11.ti. or 11.ab. or 11.clm.) and (((overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and (fixed-point\$1 or (fix\$3 adj point\$1))) and 708/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:08
-	17	((11.ti. or 11.ab. or 11.clm.) and (((overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and (fixed-point\$1 or (fix\$3 adj point\$1))) and 708/\$.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:22
-	84	and (14.ti. or 14.ab. or 14.clm.) 708/552.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:38
-	286	(overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and 708/\$.ccls. and (fixed-point\$1 or (fix\$3 adj point\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:38
-	269	((overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and 708/\$.ccls. and (fixed-point\$1 or (fix\$3 adj point\$1))) not 708/552.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:39
-	6	("5053987" "5513362" "5757687" "5764549" "5768169" "5808926").PN.	USPAT	2003/09/05 14:52
-	6	5943249.URPN.	USPAT	2003/09/05 14:52
-	15	4282581.URPN.	USPAT	2003/09/05 14:53
-	4	("3016193" "3017090" "3290493" "3789206").PN.	USPAT	2003/09/05 14:53
-	4	("4467444" "4484259" "4534010" "4700324").PN.	USPAT	2003/09/05 14:54
-	19	4811268.URPN.	USPAT	2003/09/05 14:54
-	1	5907498.URPN.	USPAT	2003/09/05 14:56
-	5	("4811268" "5231600" "5260890" "5508951" "5745397").PN.	USPAT	2003/09/05 14:56
-	5	("5251166" "5402368" "5448509" "5504697" "5508951").PN.	USPAT	2003/09/05 14:57
-	8	5847978.URPN.	USPAT	2003/09/05 14:57
-	43	708/498.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:30

-	35	(overflow or over-flow or (over adj flow)) and 708/498.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:57
-	22202	708/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:47
-	141	708/\$.ccls. and (saturat\$3 or (overflow or over-flow or (over adj flow))) and clamp	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:48
-	117	708/\$.ccls. and ((overflow or over-flow or (over adj flow))) and clamp	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:48
-	15	708/\$.ccls. and ((overflow or over-flow or (over adj flow))).ab. and clamp	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:48
-	15	(708/\$.ccls. and ((overflow or over-flow or (over adj flow))).ab. and clamp) not ((overflow or over-flow or (over adj flow)) and 708/498.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:50
-	102	(708/\$.ccls. and ((overflow or over-flow or (over adj flow))) and clamp) not (708/\$.ccls. and ((overflow or over-flow or (over adj flow))).ab. and clamp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:50
-	81	parallel and ((708/\$.ccls. and ((overflow or over-flow or (over adj flow))) and clamp) not (708/\$.ccls. and ((overflow or over-flow or (over adj flow))).ab. and clamp))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:57
-	98	708/530.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:57
-	37	(overflow or over-flow or (over adj flow)) and 708/530.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:58
-	3097	708/490-552.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:42
-	824	708/490-552.ccls. and (overflow or over-flow or (over adj flow))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:57
-	555	(708/490-552.ccls. and (overflow or over-flow or (over adj flow))) and parallel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:43
-	41	((708/490-552.ccls. and (overflow or over-flow or (over adj flow))) and parallel) and clamp	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:43

-	95	708/525,530.ccls. and (overflow or over-flow or (over adj flow))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:58
-	35	708/525,530.ccls. and ((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:58
-	34	(708/525,530.ccls. and ((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).ab.)) not (((708/490-552.ccls. and (overflow or over-flow or (over adj flow))) and parallel) and clamp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:58
-	7132	clamping adj circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 19:56
-	111	(overflow or (over adj flow) or over-flow) and (clamping adj circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 19:57
-	2	(fixed-point or (fixed adj point)) and ((overflow or (over adj flow) or over-flow) and (clamping adj circuit))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:18

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1 Efficient integer multiplication overflow detection circuits

Gok, M.; Schulte, M.J.; Balzola, P.I.;

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2 Integer multiplication with overflow detection or saturation

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3 Overflow detection in the computation of convolutions by some number theoretic transforms

Nussbaumer, H.;

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4 Multilevel reverse-carry computation for comparison and for sign and overflow detection in addition

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5 A general division algorithm for residue number systems

Chiang, J.-S.; Lu, M.;

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6 A novel division algorithm for the residue number system

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7 A 2.4-ns, 16-bit, 0.5- μ m CMOS arithmetic logic unit for microprogrammable video signal processor LSIs

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11 N bit result integer multiplier with overflow detector

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12 Programmable high-performance IIR filter chip

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13 High-speed single error correcting convertor for residue number processing

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14 Implementation of a single chip, pipelined, complex, one-dimensional fast Fourier transform in 0.25 μ m bulk CMOS

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Zoican, S.;

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